

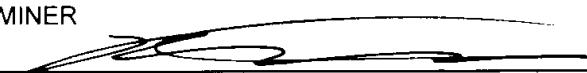
Form PTO-146
(REV. 7-2001)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO
SPO-112SERIAL NO.
09/762,842INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT(S): Akira Murasugi, Yukio Asami, Isao Kido,
Hideshi KumaiFILING DATE
February 12, 2001GROUP ART UNIT
not yet assigned

U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER					DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6	0	8	3	9	0	7	7/4/00	Uchida et al.	
AB										
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FOREIGN PATENT DOCUMENTS										
	DOCUMENT NUMBER					DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AH										
AI										
AJ										
AK										
AL										

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	AM	Kurjan, Janet and Ira Herskowitz (October 1982) "Structure of a Yeast Pheromone Gene (MF α): A Putative α-Factor Precursor Contains Four Tandem Copies of Mature α -Factor" <i>Cell</i> 30:933-943.
	AN	Winther, Jakob R. and Poul Sorensen (October 1991) "Propeptide of carboxypeptidase Y provides a chaperone-like function as well as inhibition of the enzymatic activity" <i>Proc. natl. Acad. Sci. USA</i> 88:9330-9334.
	AO	Cramer, Jane Harris, Kristi Lea, Michael D. Schaber, Richard A. Kramer (January 1987) "Signal Peptide Specificity in Posttranslational Processing of the Plant Protein Phaseolin in <i>Saccharomyces cerevisiae</i> " <i>Molecular and Cellular Biology</i> 7(1):121-128.
	AP	Clare, J.J., F.B. Rayment, S.P. Ballantine, K. Sreekrishna, M.A. Romanos (May 1991) "High-level Expression of Tetanus Toxin Fragment C in <i>Pichia Pastoris</i> Strains Containing Multiple Tandem Integrations of the Gene" <i>Bio/Technology</i> 9:455-460.
	AQ	Hinnen, Albert, James B. Hicks, and Gerald R. Fink (April 1978) "Transformation of yeast" <i>proc. Natl. Acad. Sci. USA</i> 75(4):1929-1933.
	AR	Cregg, James M., Thomas S. Vedvick, William C. Raschke (August 1993) "Recent Advances in the Expression of Foreign Genes in <i>Pichia pastoris</i> " <i>Bio/Technology</i> 11:905-910.
✓	AS	Tomomura, Mineko, Kenji Kadomatsu, Shyuichiro Matsubara, Takashi Muramatsu (June 1990) "A Retinoic Acid-responsive Gene, MK, Found in the Teratocarcinoma System" <i>The Journal of Biological Chemistry</i> 265(18):1076510770. X

EXAMINER	DATE CONSIDERED
	1/29/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1440
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CQ	AM	Kadomatsu, Kenji, Mineko Tomomura and Takashi Muramatsu (March 30, 1988) "cDNA Cloning and Sequencing of a New Gene Intensely Expressed in Early Differentiation Stages of Embryonal Carcinoma Cells and In Mid-Gestation Period of Mouse Embryogenesis" <i>Biochemical and Biophysical Research Communications</i> 151(3):1312-1318.					
		Li, Yue-Sheng, Peter G. Milner, Anil K. Chauhan, Mark A. Watson, Ruth M. Hoffman, Charles M. Kodner, Jeffrey Milbrandt, Thomas F. Deuel (December 1990) "Cloning and Expression of a Developmentally Regulated Protein That Induces Mitogenic and Neurite Outgrowth Activity" <i>Science</i> 250:1690-1694. X					
	AN	Becker, Daniel M. and Leonard Guarente (1991) "High-Efficiency Transformation of yeast by Electroporation" <i>Methods in Enzymology</i> 194:182-187.					
		Merinemies, Jussi and Heikki Rauvala (October 1990) "Molecular Cloning of the 18-kDa Growth-associated Protein of Developing Brain" <i>The Journal of Biological Chemistry</i> 265(28):16721-16724.					
	AO	Ito, Hisao, Yasuki Fukuda, Kousaku Murata, Akira Kimura (January 1983) "Transformation of Intact Yeast Cells Treated with Alkali Cations" <i>Journal of Bacteriology</i> 153(1):163-168.					
		Yokota, Chika, Shuji Takahashi, Akira Eisaki et al. (1998) "Midkine Counteracts the Activin Signal in Mesoderm Induction and Promotes Neural Formation" <i>J. Biochem</i> 123(2):339-346.					
AS	AR	Kojima, Soichi, Hisako Muramatsu, Hiroshi Amanuma, Takashi Muramatsu (April 1995) "Midkine Enhances Fibrinolytic Activity of Bovine Endothelial Cells" <i>The Journal of Biological Chemistry</i> 270(16):9590-9596.					

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11-29-03

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Form PTO-1449
(REV. 7-80)

JUL 11 2001

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	AH						
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

CQ	AM	Iwasaki, Wakana, Koji Nagata, Kideki Hatanaka et al. (1997) "Solution structure of midkine, a new heparin-binding growth factor" <i>The EMBO Journal</i> 16(23):6936-6946.
		Kadomatsu, K., M. Hagihara, S. Akhter, Q-W Fan, H. Muramatsu and T. Muramatsu (1997) " Midkine induces the transformation of NIH3T3 Cells" <i>British Journal of Cancer</i> 75(3):354-359.
	AO	Wiren, Kristine M., John T. Potts, Jr., and Henry M. Kronenberg (December 1988) " Importance of the Propeptide Sequence of Human Preproparathyroid Hormone for Signal Sequence Function" <i>The Journal of Biological Chemistry</i> 263(36):19771-19777.
		Muramatsu, Hisako, Hiroshi Hamada, Shigetsugu Noguchi, Yuko Kamada and Takashi Muramatsu (1985) "Cell-surface Changes During <i>in Vitro</i> Differentiation of Pluripotent Embryonal Carcinoma Cells" <i>Developmental Biology</i> 110:284-296.
	AP	Weissman, Jonathan S. and Peter S. Kim (November 1992) " The Pro Region of BPTI Facilitates Folding" <i>Cell</i> 71:841-851.
		Chen, Yee-Hsiung, Jen Tsi Yang, Hugo M. Martinez (1972) "Determination of the Secondary Structures of Proteins by Circular Dichroism and Optical Rotatory Dispersion" <i>Biochemistry</i> 11(22):4120-4131.
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EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	1/12/03

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